

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
APPLICATION

Inventor(s): LEE
 Appln. No.: 08
 Series Code \uparrow 966,233
 Serial No. 1

Filed: November 7, 1997
 Title: GDF-1 GENE (as amended)

Asst. Commissioner of Patents
 Washington, D.C. 20231

Sir:



Group Art Unit 1818
 Examiner: M. Allen
 Atty. Dkt. PMS 241800
 M#

Client Ref

(Our Deposit Account No. 03-3975)

(Our Order No. 20263 241800)

Date: April 24, 1998

APR 24 1998

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed

- ☒ previously
☐ herewith

(No.)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code
2. Total Effective Claims	15	**minus 20 0	x \$22/\$11 =	+ 0	103/203
3. Independent Claims	3	***minus 3 0	x \$82/\$41 =	+ 0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)..... add			+ \$270/\$135 =	+	104/204
5. Original due Date:	<input checked="" type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =	+		115/215
	(2 mos)	\$400/\$200 =			116/216
	(3 mos)	\$950/\$475 =			117/217
7. Enter any previous extension fee paid since above original due date and subtract			-		
8.	Extension Fee Attached				
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55 =	+		148/248
10. If IDS attached requires Official Fee,		+ \$240 =	+		126
or if Rule 97(d) Petition		+ \$130 =	+		122
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$790/395 =	+		146/246
12. No. of additional inventions for examination per Rule 129(b)		x \$790/395 ea =	+		149/249
13. Petition fee for			+		
14.	TOTAL FEE ENCLOSED =				
				\$0	

15. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

16. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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 Intellectual Property Group
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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

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5/22/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LEE

Appln. No. 08/966,233

Group Art Unit: 1818

Filed: November 7, 1997

Examiner: M. Allen

FOR: GDF-1 GENE (as amended)

* * *

April 24, 1998

SECOND PRELIMINARY AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Entry and consideration of the following amendment and
remarks prior to examination are respectfully requested.

IN THE TITLE:

Please replace the title of the application (wherever it
(appears) with --GDF-1 Gene--.

REMARKS

Claims 3, 11-15, 22 and 24-31 are pending.

The attached Rule 132 Declaration by Ted Ebendal along
with supporting materials shows that GDF-1 protein potentiates
the effect of neurotrophin-3 protein on neuronal fibre
outgrowth. Such potentiation activity is also found for
members of the TGF- β superfamily, and it directly supports a
finding of similarity in biological activities between GDF-1

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and other members of the TGF- β superfamily (see pages 12-14 of the present specification). Applicant submits that such evidence refutes the allegations made by the Examiner that the specification does not teach a practical use for GDF-1.

A favorable action on the merits is earnestly requested. If any further information is required, the Examiner is invited to contact the undersigned.

Respectfully submitted,

Cushman Darby & Cushman
Intellectual Property Group of
PILLSBURY MADISON & SUTRO, L.L.P.

By



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